



MILAN poe injector

MIL-L100i

1-port PoE mid-span Injector



Best Way to Bring Power to Your Network

MILAN by Transition's new EmPowered Ethernet Series Power-over-Ethernet solutions deliver unified supply of data, voice, and video as well as electrical power through a single source by sending power over standard Category 5 and above twisted pair cables. Power-over-Ethernet simplifies installation and eliminates the need to run separate power cords and LAN cables to each Access Point or port locations.

Our PoE products provide organizations with affordable, easy-to-use solutions that enable them to migrate their network infrastructure to support a growing number of advanced cost-saving, performance enhancing applications, such as streamlining wireless, VoIP, Network IP camera deployments, and centralized power backup solutions. Whether on a factory floor or in an enterprise facility, running power to hard to reach locations with MILAN by Transition's Power-over-Ethernet solutions significantly reduce cabling and outlet requirements while providing the lowest total cost of ownership.

Specifications

Standards	IEEE 802.3af Compliant IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
LEDs	System: Power
Ports	(1) DATA IN RJ-45 Ethernet Port (1) DATA OUT PoE Injector RJ-45 Ethernet Port
Cable Requirements	10BASE-T: 2-pair UTP/STP Cat.3,4,5 cable EIA/TIA-568 100-ohm(100 m) 100BASE-TX: 2-pair UTP/STP Cat.5 cable EIA/TIA-568 100-ohm(100 m)
Weight	0.44 lbs. [0.2 kg]
Dimensions	Width: 4.6" [117 mm] Depth: 2.3" [60 mm] Height: 1.3" [35 mm]
Power Output	-48 VDC, 300 mA
Power Input	AC 100~240V, 50~60 Hz, 0.3A
Operating Environment	0~ 40°C , 90% Relative Humidity (non-condensing)
Storage Temperature	0~70°C, 95% Relative Humidity (non-condensing)
EMI and Safety	FCC Class B, CE Mark; UL, cUL, CE/EN60950

IEEE 802.3af Compliant

The EmPowered Ethernet™ Series Power-over-Ethernet solutions are IEEE802.3af compliant, which means that you are ensured of the following:

Legacy Installation

Ensures safe delivery of power to existing legacy devices as well as power-enabled terminals.

Preservation of Cabling Infrastructure

Avoids altering existing wiring and does not damage cabling infrastructure already in place.

Data Integrity

Power delivery over Ethernet cables does not cause data degradation or loss of data integrity.

Power Shut Off

When data is disconnected PoE power is not provided to the Powered Device (PD) device. This provides an easy PD reset option.

Power-over-Ethernet (PoE) Injectors

- Ensures uninterrupted network operation by providing a "power safe" path to the user
- Intelligent detection process to detect Power-over-Ethernet enabled terminals and protect legacy endpoints
- Furnishes easy and cost-effective installation with fewer cables and electrical outlets
- Provides one central secure location for power

Ordering Information

MIL-L100i

EmPowered™ Ethernet 1-port PoE Injector

Mounting Brackets

RMSM8-01

19" Rack Mount Assembly
For MIL-SM8DPA, SM8T2DPA

